



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

June 1993

MAY 1993

This bulletin covers 27 agricultural industries in the state of California. The number of industries range from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

California's agricultural employment totaled 406,500 in May, an increase of 48,700 from the April 1993 total of 357,800. (Table 1-A.) Employment is unchanged from one year ago - May 1992. Job increases over last month occurred in the San Joaquin Valley (Farm Labor Contractors, Fruits and Tree Nuts, and Crop Preparation Services for Market), the Sacramento Valley (General Farm Crops, Farm Labor and Management), and the Central Coast (Berries). The increase of employment in these three regions was slightly offset by the decrease of employment in the South Coast.

Wage and Salary Workers in Agricultural Establishments

For May 1993

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	406.5	183.7	72.3	64.6	36.2	34.0	12.8
Total Crops	236.9	89.8	53.1	43.5	17.3	22.3	9.1
Total Livestock	25.9	13.3	2.2	1.1	5.5	2.2	2.0
Total Services	143.7	80.6	17.0	20.0	13.4	9.5	1.7

Source: Tables 1-A through 7-A.

CHANGES FROM ONE YEAR AGO

Employment this May was 1,700 below the total for May 1992. The slight dip can be attributed to the decrease of employment by farm labor contractors. Employment was up in all regions, except the Desert and San Joaquin Valley. (Tables 1-A through 7-A.)

Average hourly earnings this May were \$6.47, an increase of seven cents over May 1992. (Table 1-E).

REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during May were:

- Desert: Onions and grapes (harvest).
- South Coast: Lemons, broccoli and strawberries (harvest), tomatoes and horticulture (plant, cultivate & harvest).
- Central Coast: Miscellaneous vegetables (preharvest & harvest), horticulture (plant, cultivate & harvest), lettuce and strawberries (harvest).
- San Joaquin Valley: Plums, onions, strawberries, peaches, nectarines, garlic, cherries, asparagus, lemons, navel and valencia oranges, freestone peaches (harvest), miscellaneous vegetables (plant, cultivate & harvest), tomatoes (thin & hoe), dairy (milk), orchards (thin), vineyards, seed crops (preharvest), cotton (chop & weed).
- Sacramento Valley: None.
- North Coast: Grapes, wine (suckering).

AGRICULTURAL PRODUCTION WORKERS

Statewide agricultural production worker employment was 379,300 in May, an increase of 48,300 from April. (Table 1-B.)

In May, the statewide average weekly earnings for production workers were \$271.74. The regional averages ranged from a low of \$254.14 in the San Joaquin Valley to a high of \$336.53 in the North Coast. (Tables 1-C through 7-C.)

The statewide average hourly work week was 42.0 hours in May, the same level as April. The shortest average work week of 40.2 hours was reported in the Desert Region. The Sacramento Valley Region recorded the longest average work week of 49.9 hours. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

For May 1993

(In Dollars per Hour)

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.47	6.08	6.70	7.32	6.57	5.98	7.30
Total Crops	6.38	5.93	6.48	7.11	6.34	6.00	7.36
Total Livestock	7.12	7.06	7.51	7.45	8.11	6.21	6.58
Total Services	6.50	6.06	7.28	7.82	6.06	5.87	7.85

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 262-2321. (ATSS 8-469-2321).**

CALIFORNIA

Wage and Salary Employment

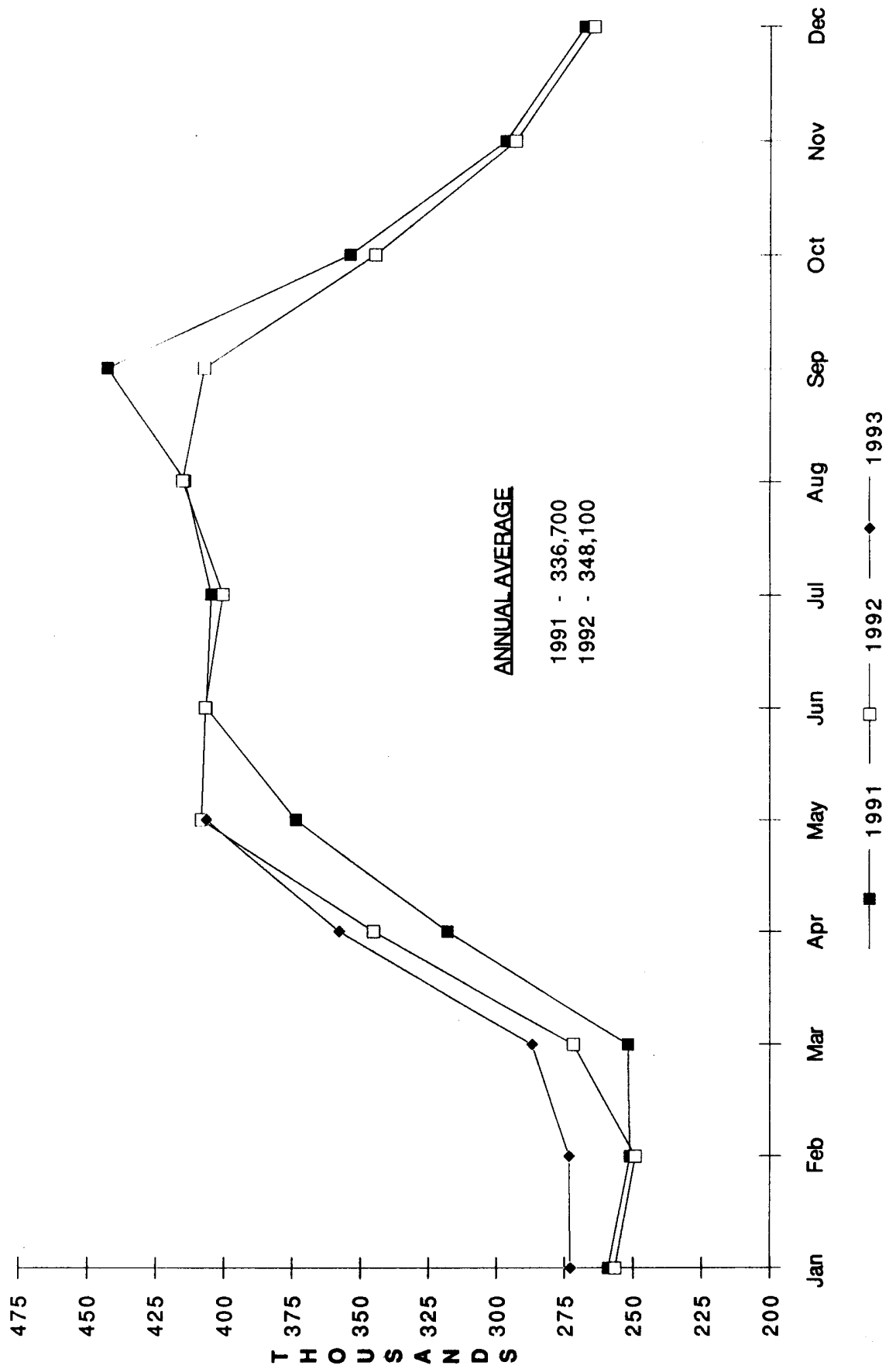


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	406.5	357.8	408.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	236.9	208.9	229.5
CASH GRAINS	3.2	2.9	3.6
RICE	1.8	1.6	2.0
OTHER CASH GRAINS	1.4	1.3	1.6
FIELD CROPS EXCEPT CASH GRAINS	12.6	10.5	14.1
COTTON	5.9	5.2	7.0
OTHER FIELD CROPS	6.7	5.3	7.1
VEGETABLES AND MELONS	35.6	33.2	33.7
TOTAL FRUITS AND TREE NUTS	108.4	94.1	105.1
BERRIES	31.8	27.8	30.1
GRAPES	34.7	31.8	33.8
TREE NUTS	6.4	5.6	6.5
CITRUS FRUITS	6.1	6.8	6.2
DECIDUOUS TREE FRUIT	18.5	13.3	18.0
OTHER FRUITS AND NUTS	10.9	8.8	10.5
TOTAL HORTICULTURAL SPECIALTIES	33.0	33.1	33.3
ORNAMENTAL FLORAL & NURSERY	29.7	29.8	29.9
FOOD CROPS GROWN UNDER COVER	3.3	3.3	3.4
GENERAL FARM PRIMARILY CROP	44.1	35.1	39.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	25.9	25.8	26.8
BEEF CATTLE FEED LOTS	0.6	0.6	0.7
BEEF CATTLE EXCEPT FEED LOTS	3.9	3.8	4.1
DAIRY FARMS	13.5	13.3	13.3
CHICKEN EGGS	2.6	2.7	2.9
TURKEYS & TURKEY EGGS	1.0	1.0	1.1
OTHER LIVESTOCK	4.3	4.4	4.7
TOTAL AGRICULTURAL SERVICES	143.7	123.1	151.9
SOIL PREPARATION SERVICES	1.0	0.9	1.0
CROP SERVICES	52.6	43.5	53.1
PLANT CULTIVATE & PROTECTION	7.6	7.1	6.6
HARVEST PRIMARILY BY MACHINE	7.6	6.4	8.6
PREPARATION SVCS FOR MARKET	36.6	29.3	37.2
COTTON GINNING	0.8	0.7	0.7
TOTAL FARM LABOR & MANAGEMENT	90.1	78.7	97.8
FARM LABOR CONTRACTORS	81.6	70.6	88.2
FARM MANAGEMENT SERVICES	8.5	8.1	9.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	379.3	331.0	381.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	219.1	191.2	212.7
CASH GRAINS	2.8	2.5	3.2
RICE	1.6	1.4	1.7
OTHER CASH GRAINS	1.2	1.1	1.5
FIELD CROPS EXCEPT CASH GRAINS	11.4	9.4	13.0
COTTON	5.4	4.8	6.6
OTHER FIELD CROPS	6.0	4.6	6.4
VEGETABLES AND MELONS	32.9	30.7	31.1
TOTAL FRUITS AND TREE NUTS	103.1	89.0	100.0
BERRIES	31.0	27.1	29.5
GRAPES	32.5	29.7	31.9
TREE NUTS	5.7	4.9	5.8
CITRUS FRUITS	5.6	6.4	5.7
DECIDUOUS TREE FRUIT	17.8	12.6	17.0
OTHER FRUITS AND NUTS	10.5	8.3	10.1
TOTAL HORTICULTURAL SPECIALTIES	27.2	27.0	27.8
ORNAMENTAL FLORAL & NURSERY	24.3	24.1	24.8
FOOD CROPS GROWN UNDER COVER	2.9	2.9	3.0
GENERAL FARM PRIMARILY CROP	41.7	32.6	37.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.8	22.6	23.2
BEEF CATTLE FEED LOTS	0.5	0.5	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.2	3.1	3.4
DAIRY FARMS	12.6	12.4	12.4
CHICKEN EGGS	2.0	2.0	2.0
TURKEYS & TURKEY EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	3.7	3.8	4.0
TOTAL AGRICULTURAL SERVICES	137.4	117.2	145.5
SOIL PREPARATION SERVICES	0.7	0.7	0.8
CROP SERVICES	48.5	39.5	48.7
PLANT CULTIVATE & PROTECTION	6.7	6.2	5.6
HARVEST PRIMARILY BY MACHINE	7.3	6.1	8.3
PREPARATION SVCS FOR MARKET	33.9	26.7	34.3
COTTON GINNING	0.6	0.5	0.5
TOTAL FARM LABOR & MANAGEMENT	88.2	77.0	96.0
FARM LABOR CONTRACTORS	80.5	69.7	87.4
FARM MANAGEMENT SERVICES	7.7	7.3	8.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	271.74	272.58	270.08
TOTAL AGRICULTURAL PRODUCTION/CROPS	278.17	275.16	276.46
CASH GRAINS	383.07	325.42	338.10
RICE	386.99	333.36	329.68
OTHER CASH GRAINS	377.48	316.39	346.88
FIELD CROPS EXCEPT CASH GRAINS	337.17	336.17	303.41
COTTON	339.02	341.86	319.70
OTHER FIELD CROPS	334.70	331.07	287.04
VEGETABLES AND MELONS	331.33	313.93	297.73
TOTAL FRUITS AND TREE NUTS	240.79	243.58	256.05
BERRIES	243.96	259.30	231.51
GRAPES	244.22	233.75	271.96
TREE NUTS	273.01	253.00	269.54
CITRUS FRUITS	280.02	251.50	319.18
DECIDUOUS TREE FRUIT	211.86	224.84	245.98
OTHER FRUITS AND NUTS	231.94	246.38	248.96
TOTAL HORTICULTURAL SPECIALTIES	327.80	314.65	319.92
ORNAMENTAL FLORAL & NURSERY	319.93	306.43	314.64
FOOD CROPS GROWN UNDER COVER	393.60	381.04	364.59
GENERAL FARM PRIMARILY CROP	274.34	270.67	266.99
TOTAL AGRIC PRODUCTION/LIVESTOCK	356.71	334.84	337.48
BEEF CATTLE FEED LOTS	358.96	341.74	354.35
BEEF CATTLE EXCEPT FEED LOTS	352.18	325.93	334.28
DAIRY FARMS	378.07	349.93	355.74
CHICKEN EGGS	313.15	312.27	304.92
TURKEYS & TURKEY EGGS	333.26	328.03	334.63
OTHER LIVESTOCK	317.08	303.71	299.55
TOTAL AGRICULTURAL SERVICES	246.35	256.47	250.11
SOIL PREPARATION SERVICES	534.49	493.43	468.90
CROP SERVICES	267.95	278.87	276.31
PLANT CULTIVATE & PROTECTION	334.89	320.78	348.94
HARVEST PRIMARILY BY MACHINE	287.34	286.44	263.64
PREPARATION SVCS FOR MARKET	249.98	267.15	266.94
COTTON GINNING	303.72	301.79	284.33
TOTAL FARM LABOR & MANAGEMENT	232.47	242.82	234.63
FARM LABOR CONTRACTORS	224.22	234.62	228.74
FARM MANAGEMENT SERVICES	314.87	318.16	298.37

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	42.0	42.0	42.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.6	43.4	43.4
CASH GRAINS	56.5	47.3	52.5
RICE	53.6	46.3	49.8
OTHER CASH GRAINS	60.3	48.6	55.5
FIELD CROPS EXCEPT CASH GRAINS	52.6	50.4	50.4
COTTON	50.3	50.2	51.9
OTHER FIELD CROPS	54.6	50.7	48.9
VEGETABLES AND MELONS	47.4	45.3	42.9
TOTAL FRUITS AND TREE NUTS	38.9	40.8	41.1
BERRIES	38.0	44.4	34.4
GRAPES	38.4	37.4	43.1
TREE NUTS	45.2	43.1	45.3
CITRUS FRUITS	39.0	33.4	42.9
DECIDUOUS TREE FRUIT	39.6	44.0	45.3
OTHER FRUITS AND NUTS	38.4	41.2	43.6
TOTAL HORTICULTURAL SPECIALTIES	46.3	45.8	45.9
ORNAMENTAL FLORAL & NURSERY	46.1	45.6	46.0
FOOD CROPS GROWN UNDER COVER	48.0	47.1	44.9
GENERAL FARM PRIMARILY CROP	47.3	44.3	45.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.1	46.7	47.2
BEEF CATTLE FEED LOTS	50.7	49.1	54.6
BEEF CATTLE EXCEPT FEED LOTS	46.4	43.4	48.8
DAIRY FARMS	53.1	48.2	48.4
CHICKEN EGGS	46.6	47.1	46.2
TURKEYS & TURKEY EGGS	54.1	53.6	54.5
OTHER LIVESTOCK	44.1	42.3	40.1
TOTAL AGRICULTURAL SERVICES	37.9	38.8	39.7
SOIL PREPARATION SERVICES	58.8	53.0	52.1
CROP SERVICES	37.9	39.5	39.7
PLANT CULTIVATE & PROTECTION	43.1	43.0	46.9
HARVEST PRIMARILY BY MACHINE	39.2	38.5	38.6
PREPARATION SVCS FOR MARKET	36.6	39.0	38.8
COTTON GINNING	38.3	35.8	35.9
TOTAL FARM LABOR & MANAGEMENT	37.8	38.3	39.5
FARM LABOR CONTRACTORS	37.0	37.3	39.1
FARM MANAGEMENT SERVICES	45.7	47.7	44.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	6.47	6.49	6.40
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.38	6.34	6.37
CASH GRAINS	6.78	6.88	6.44
RICE	7.22	7.20	6.62
OTHER CASH GRAINS	6.26	6.51	6.25
FIELD CROPS EXCEPT CASH GRAINS	6.41	6.67	6.02
COTTON	6.74	6.81	6.16
OTHER FIELD CROPS	6.13	6.53	5.87
VEGETABLES AND MELONS	6.99	6.93	6.94
TOTAL FRUITS AND TREE NUTS	6.19	5.97	6.23
BERRIES	6.42	5.84	6.73
GRAPES	6.36	6.25	6.31
TREE NUTS	6.04	5.87	5.95
CITRUS FRUITS	7.18	7.53	7.44
DECIDUOUS TREE FRUIT	5.35	5.11	5.43
OTHER FRUITS AND NUTS	6.04	5.98	5.71
TOTAL HORTICULTURAL SPECIALTIES	7.08	6.87	6.97
ORNAMENTAL FLORAL & NURSERY	6.94	6.72	6.84
FOOD CROPS GROWN UNDER COVER	8.20	8.09	8.12
GENERAL FARM PRIMARILY CROP	5.80	6.11	5.92
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.12	7.17	7.15
BEEF CATTLE FEED LOTS	7.08	6.96	6.49
BEEF CATTLE EXCEPT FEED LOTS	7.59	7.51	6.85
DAIRY FARMS	7.12	7.26	7.35
CHICKEN EGGS	6.72	6.63	6.60
TURKEYS & TURKEY EGGS	6.16	6.12	6.14
OTHER LIVESTOCK	7.19	7.18	7.47
TOTAL AGRICULTURAL SERVICES	6.50	6.61	6.30
SOIL PREPARATION SERVICES	9.09	9.31	9.00
CROP SERVICES	7.07	7.06	6.96
PLANT CULTIVATE & PROTECTION	7.77	7.46	7.44
HARVEST PRIMARILY BY MACHINE	7.33	7.44	6.83
PREPARATION SVCS FOR MARKET	6.83	6.85	6.88
COTTON GINNING	7.93	8.43	7.92
TOTAL FARM LABOR & MANAGEMENT	6.15	6.34	5.94
FARM LABOR CONTRACTORS	6.06	6.29	5.85
FARM MANAGEMENT SERVICES	6.89	6.67	6.69

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SAN JOAQUIN

Wage and Salary Employer

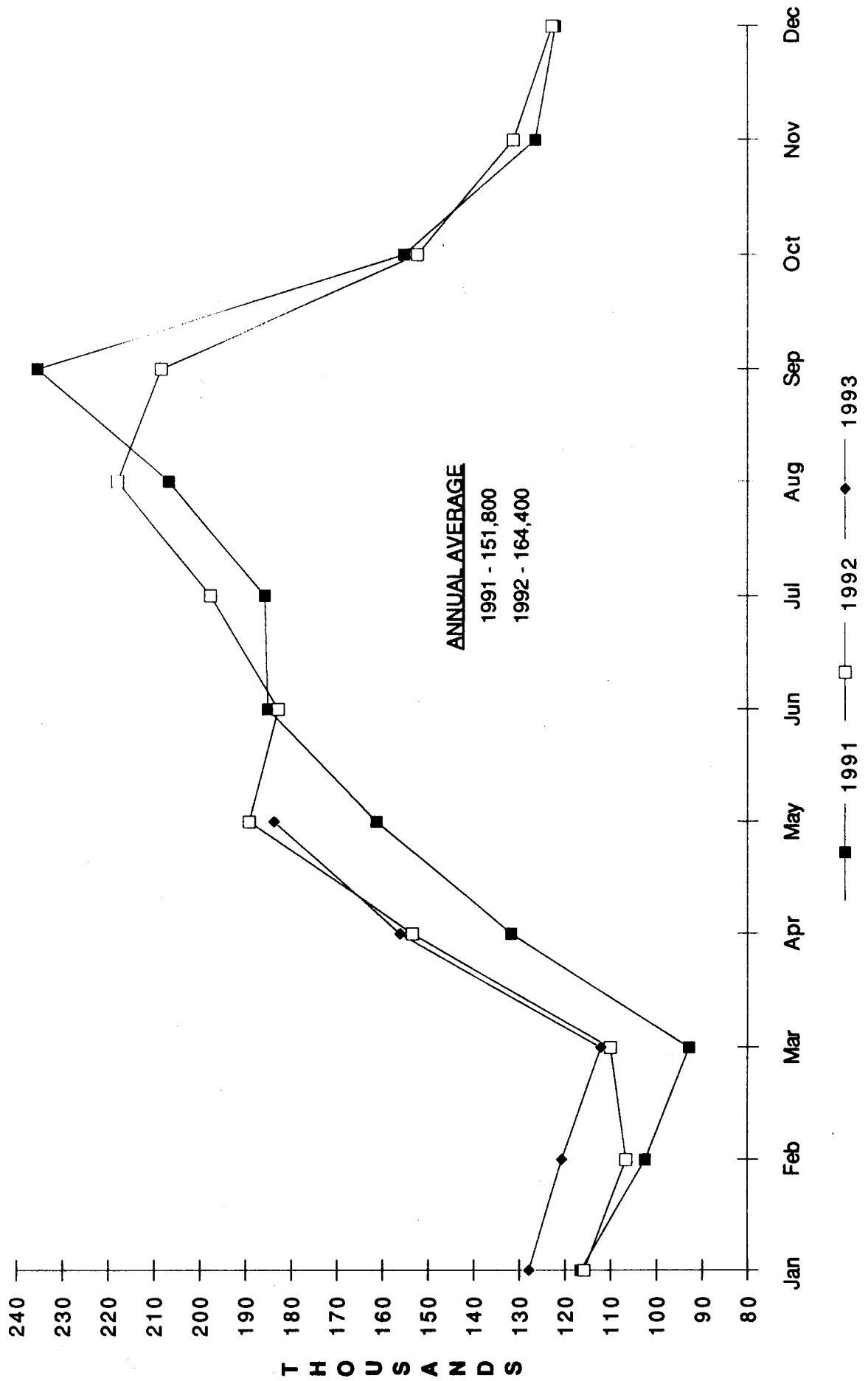


TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	183.7	156.1	189.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	89.8	77.8	88.9
TOTAL FIELD CROPS	10.6	8.8	11.6
COTTON	5.7	5.0	6.8
OTHER FIELD CROPS	4.9	3.8	4.8
VEGETABLES AND MELONS	8.2	10.2	6.4
TOTAL FRUITS AND TREE NUTS	45.8	38.1	46.3
GRAPES	20.1	17.4	20.1
TREE NUTS	4.3	3.5	4.4
CITRUS FRUITS	2.9	3.9	2.9
DECIDUOUS TREE FRUIT	11.9	8.5	12.7
OTHER FRUITS AND NUTS	6.6	4.8	6.2
HORTICULTURAL SPECIALTIES	3.2	3.2	3.6
GENERAL FARM PRIMARILY CROP	22.0	17.5	21.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.3	12.9	13.8
BEEF CATTLE FEED LOTS	0.2	0.2	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.3	1.2	1.4
DAIRY FARMS	8.6	8.4	8.6
POULTRY & EGGS	2.0	2.0	2.3
OTHER LIVESTOCK	1.2	1.1	1.2
TOTAL AGRICULTURAL SERVICES	80.6	65.4	86.4
CROP SERVICES	24.3	19.6	26.2
PLANT CULTIVATE & PROTECTION	3.8	3.5	3.6
HARVEST PRIMARILY BY MACHINE	2.4	2.3	3.1
PREPARATION SVCS FOR MARKET	17.3	13.1	18.8
COTTON GINNING	0.8	0.7	0.7
TOTAL FARM LABOR & MANAGEMENT	56.3	45.8	60.2
FARM LABOR CONTRACTORS	51.4	41.0	55.2
FARM MANAGEMENT SERVICES	4.9	4.8	5.0

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	173.5	145.7	179.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	84.6	72.2	84.2
TOTAL FIELD CROPS	9.7	7.9	10.7
COTTON	5.3	4.6	6.4
OTHER FIELD CROPS	4.4	3.3	4.3
VEGETABLES AND MELONS	7.4	9.4	6.0
TOTAL FRUITS AND TREE NUTS	43.9	36.3	44.2
GRAPES	19.3	16.7	19.6
TREE NUTS	3.9	3.1	3.9
CITRUS FRUITS	2.6	3.7	2.7
DECIDUOUS TREE FRUIT	11.6	8.2	12.0
OTHER FRUITS AND NUTS	6.5	4.6	6.0
HORTICULTURAL SPECIALTIES	2.8	2.4	3.2
GENERAL FARM PRIMARILY CROP	20.8	16.2	20.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.1	11.8	12.5
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.1	1.0	1.2
DAIRY FARMS	8.0	7.8	8.0
POULTRY & EGGS	1.8	1.8	2.0
OTHER LIVESTOCK	1.0	1.0	1.1
TOTAL AGRICULTURAL SERVICES	76.8	61.7	82.7
CROP SERVICES	21.7	17.0	23.3
PLANT CULTIVATE & PROTECTION	3.2	3.0	3.0
HARVEST PRIMARILY BY MACHINE	2.2	2.1	2.7
PREPARATION SVCS FOR MARKET	15.8	11.5	17.1
COTTON GINNING	0.5	0.4	0.5
TOTAL FARM LABOR & MANAGEMENT	55.1	44.7	59.4
FARM LABOR CONTRACTORS	50.7	40.4	54.8
FARM MANAGEMENT SERVICES	4.4	4.3	4.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	254.14	268.75	260.29
TOTAL AGRICULTURAL PRODUCTION/CROPS	259.73	269.83	271.04
TOTAL FIELD CROPS	335.81	346.08	306.34
COTTON	338.85	341.68	317.76
OTHER FIELD CROPS	332.64	351.37	289.28
VEGETABLES AND MELONS	284.70	350.72	256.87
TOTAL FRUITS AND TREE NUTS	227.37	224.78	261.96
GRAPES	226.49	224.47	265.04
TREE NUTS	267.35	251.39	263.43
CITRUS FRUITS	296.90	191.36	335.48
DECIDUOUS TREE FRUIT	200.43	215.60	240.92
OTHER FRUITS AND NUTS	227.08	249.40	261.05
HORTICULTURAL SPECIALTIES	394.99	386.50	375.66
GENERAL FARM PRIMARILY CROP	263.97	269.63	260.02
TOTAL AGRIC PRODUCTION/LIVESTOCK	362.88	342.01	341.29
BEEF CATTLE FEED LOTS	358.72	331.46	385.53
BEEF CATTLE EXCEPT FEED LOTS	373.79	345.14	325.46
DAIRY FARMS	379.50	350.65	347.28
POULTRY & EGGS	315.33	322.45	327.23
OTHER LIVESTOCK	300.62	310.69	332.78
TOTAL AGRICULTURAL SERVICES	230.28	252.86	237.48
CROP SERVICES	265.78	297.86	263.40
PLANT CULTIVATE & PROTECTION	351.09	339.86	318.53
HARVEST PRIMARILY BY MACHINE	350.43	326.16	278.26
PREPARATION SVCS FOR MARKET	236.38	281.79	250.26
COTTON GINNING	296.44	295.24	281.03
TOTAL FARM LABOR & MANAGEMENT	216.02	235.22	226.87
FARM LABOR CONTRACTORS	207.75	228.53	220.58
FARM MANAGEMENT SERVICES	314.90	298.61	303.65

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	41.8	43.0	43.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.8	44.6	45.4
TOTAL FIELD CROPS	52.8	51.5	51.4
COTTON	50.2	50.1	51.5
OTHER FIELD CROPS	56.0	53.4	51.2
VEGETABLES AND MELONS	48.5	51.5	46.2
TOTAL FRUITS AND TREE NUTS	40.1	40.5	44.4
GRAPES	40.3	40.3	44.1
TREE NUTS	43.9	42.9	44.2
CITRUS FRUITS	41.7	26.0	43.4
DECIDUOUS TREE FRUIT	39.3	45.2	45.2
OTHER FRUITS AND NUTS	38.1	43.0	44.7
HORTICULTURAL SPECIALTIES	46.8	48.8	42.4
GENERAL FARM PRIMARILY CROP	45.2	45.7	44.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	51.4	47.9	47.6
BEEF CATTLE FEED LOTS	47.2	46.1	57.8
BEEF CATTLE EXCEPT FEED LOTS	46.9	42.4	47.1
DAIRY FARMS	53.3	48.1	48.1
POULTRY & EGGS	45.7	47.7	44.4
OTHER LIVESTOCK	51.3	53.2	49.3
TOTAL AGRICULTURAL SERVICES	38.0	40.2	41.3
CROP SERVICES	38.8	41.6	40.9
PLANT CULTIVATE & PROTECTION	49.8	41.7	44.8
HARVEST PRIMARILY BY MACHINE	46.6	43.2	40.8
PREPARATION SVCS FOR MARKET	35.6	41.5	40.3
COTTON GINNING	38.3	35.7	35.8
TOTAL FARM LABOR & MANAGEMENT	37.7	39.6	41.4
FARM LABOR CONTRACTORS	36.9	38.8	41.0
FARM MANAGEMENT SERVICES	47.0	47.1	46.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	6.08	6.25	5.97
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.93	6.05	5.97
TOTAL FIELD CROPS	6.36	6.72	5.96
COTTON	6.75	6.82	6.17
OTHER FIELD CROPS	5.94	6.58	5.65
VEGETABLES AND MELONS	5.87	6.81	5.56
TOTAL FRUITS AND TREE NUTS	5.67	5.55	5.90
GRAPES	5.62	5.57	6.01
TREE NUTS	6.09	5.86	5.96
CITRUS FRUITS	7.12	7.36	7.73
DECIDUOUS TREE FRUIT	5.10	4.77	5.33
OTHER FRUITS AND NUTS	5.96	5.80	5.84
HORTICULTURAL SPECIALTIES	8.44	7.92	8.86
GENERAL FARM PRIMARILY CROP	5.84	5.90	5.83
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.06	7.14	7.17
BEEF CATTLE FEED LOTS	7.60	7.19	6.67
BEEF CATTLE EXCEPT FEED LOTS	7.97	8.14	6.91
DAIRY FARMS	7.12	7.29	7.22
POULTRY & EGGS	6.90	6.76	7.37
OTHER LIVESTOCK	5.86	5.84	6.75
TOTAL AGRICULTURAL SERVICES	6.06	6.29	5.75
CROP SERVICES	6.85	7.16	6.44
PLANT CULTIVATE & PROTECTION	7.05	8.15	7.11
HARVEST PRIMARILY BY MACHINE	7.52	7.55	6.82
PREPARATION SVCS FOR MARKET	6.64	6.79	6.21
COTTON GINNING	7.74	8.27	7.85
TOTAL FARM LABOR & MANAGEMENT	5.73	5.94	5.48
FARM LABOR CONTRACTORS	5.63	5.89	5.38
FARM MANAGEMENT SERVICES	6.70	6.34	6.53

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SOUTH COAST

Wage and Salary Employment

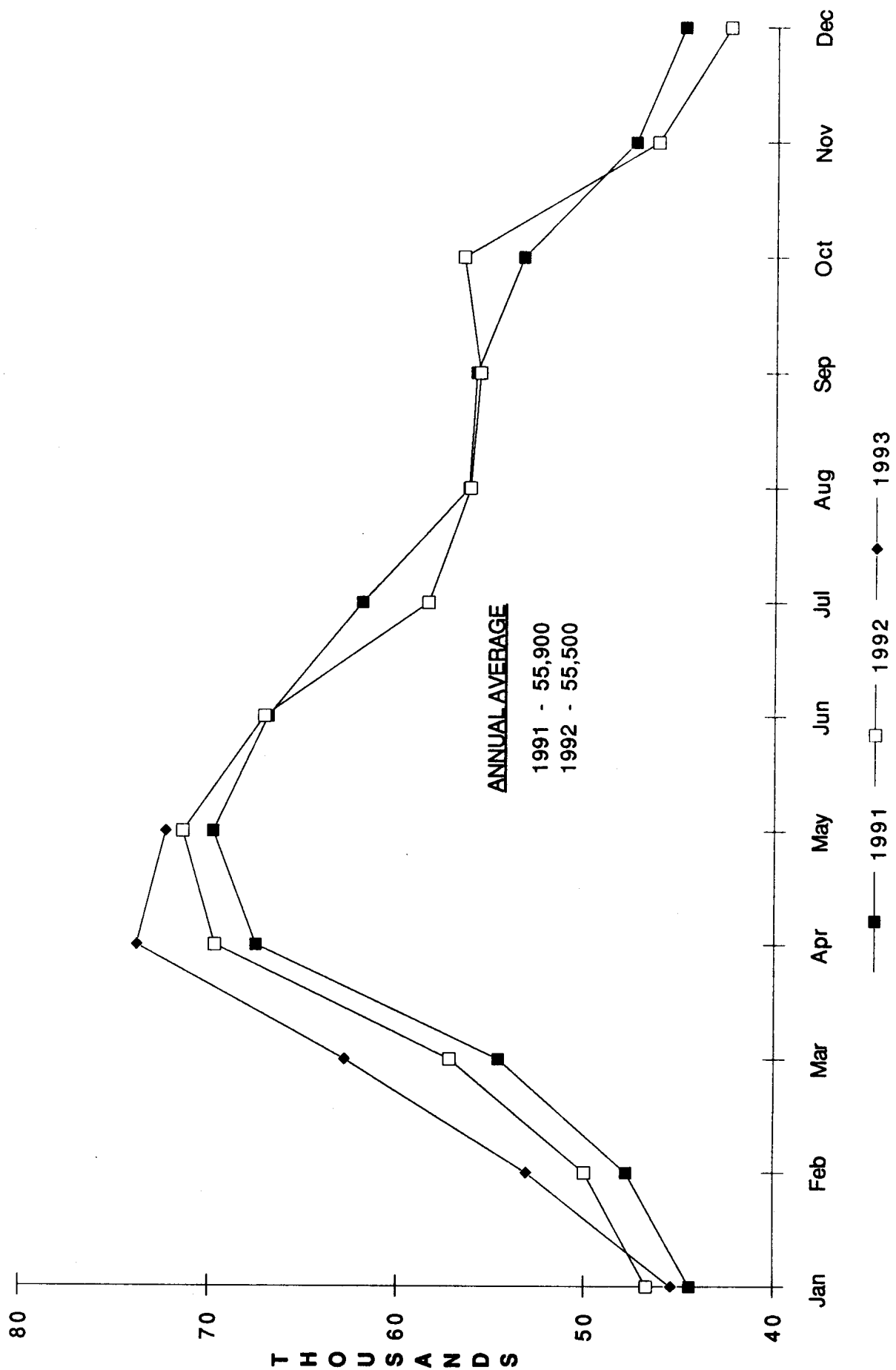


TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	APR 1993	MAY 1993	APR 1992
TOTAL AGRICULTURAL	72.3	73.8	71.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	53.1	54.6	51.4
VEGETABLES AND MELONS	7.7	7.8	8.8
TOTAL FRUITS AND TREE NUTS	23.8	25.5	21.9
BERRIES	18.7	20.5	16.9
CITRUS FRUITS	2.1	2.0	2.1
OTHER FRUITS AND NUTS	3.0	3.0	2.9
TOTAL HORTICULTURAL SPECIALTIES	15.3	15.3	15.5
ORNAMENTAL FLORAL & NURSERY	14.5	14.5	14.7
FOOD CROPS GROWN UNDER COVER	0.8	0.8	0.8
GENERAL FARM PRIMARILY CROP	6.3	6.0	5.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.2	2.3	2.4
TOTAL AGRICULTURAL SERVICES	17.0	16.9	17.6
CROP SERVICES	5.6	5.6	5.7
HARVEST PRIMARILY BY MACHINE	1.9	1.8	2.7
PREPARATION SVCS FOR MARKET	3.7	3.8	3.0
TOTAL FARM LABOR & MANAGEMENT	11.4	11.3	11.9
FARM LABOR CONTRACTORS	9.7	9.9	10.1
FARM MANAGEMENT SERVICES	1.7	1.4	1.8

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	APR 1993	MAY 1993	APR 1992
TOTAL AGRICULTURAL	66.2	67.8	65.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	48.1	49.7	46.8
VEGETABLES AND MELONS	7.0	7.1	8.1
TOTAL FRUITS AND TREE NUTS	22.9	24.7	21.2
BERRIES	18.3	20.1	16.6
CITRUS FRUITS	1.8	1.8	1.8
OTHER FRUITS AND NUTS	2.8	2.8	2.8
TOTAL HORTICULTURAL SPECIALTIES	12.5	12.5	12.9
ORNAMENTAL FLORAL & NURSERY	11.8	11.8	12.2
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	5.7	5.4	4.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.9	1.8
TOTAL AGRICULTURAL SERVICES	16.2	16.2	16.7
CROP SERVICES	5.3	5.3	5.3
HARVEST PRIMARILY BY MACHINE	1.8	1.7	2.7
PREPARATION SVCS FOR MARKET	3.5	3.6	2.6
TOTAL FARM LABOR & MANAGEMENT	10.9	10.9	11.4
FARM LABOR CONTRACTORS	9.4	9.6	9.8
FARM MANAGEMENT SERVICES	1.5	1.3	1.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	APR 1993	MAY 1993	APR 1992
TOTAL AGRICULTURAL	272.69	302.94	263.35
TOTAL AGRICULTURAL PRODUCTION/CROPS	266.98	298.24	254.92
VEGETABLES AND MELONS	324.47	324.67	294.53
TOTAL FRUITS AND TREE NUTS	220.43	277.66	208.86
BERRIES	209.68	267.15	190.26
CITRUS FRUITS	250.76	326.18	259.74
OTHER FRUITS AND NUTS	269.59	319.64	250.56
TOTAL HORTICULTURAL SPECIALTIES	305.97	306.03	299.00
ORNAMENTAL FLORAL & NURSERY	304.14	305.28	296.60
FOOD CROPS GROWN UNDER COVER	329.10	325.78	342.08
GENERAL FARM PRIMARILY CROP	296.48	339.28	272.55
TOTAL AGRIC PRODUCTION/LIVESTOCK	334.20	320.04	373.76
TOTAL AGRICULTURAL SERVICES	283.92	315.59	275.50
CROP SERVICES	288.67	309.29	304.15
HARVEST PRIMARILY BY MACHINE	322.92	313.83	286.52
PREPARATION SVCS FOR MARKET	271.50	306.75	321.44
TOTAL FARM LABOR & MANAGEMENT	281.52	318.18	262.59
FARM LABOR CONTRACTORS	284.72	314.36	262.41
FARM MANAGEMENT SERVICES	264.26	348.09	264.86

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	APR 1993	MAY 1993	APR 1992
TOTAL AGRICULTURAL	40.7	45.9	38.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.2	46.6	38.8
VEGETABLES AND MELONS	48.5	45.6	41.6
TOTAL FRUITS AND TREE NUTS	35.1	46.2	33.1
BERRIES	34.6	46.3	30.2
CITRUS FRUITS	36.5	43.9	37.0
OTHER FRUITS AND NUTS	37.6	46.8	41.9
TOTAL HORTICULTURAL SPECIALTIES	47.0	47.3	46.0
ORNAMENTAL FLORAL & NURSERY	47.3	47.7	46.2
FOOD CROPS GROWN UNDER COVER	41.5	41.5	42.6
GENERAL FARM PRIMARILY CROP	43.6	48.4	39.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.5	42.0	51.2
TOTAL AGRICULTURAL SERVICES	39.0	44.2	38.0
CROP SERVICES	38.8	43.5	39.5
HARVEST PRIMARILY BY MACHINE	41.4	41.9	38.0
PREPARATION SVCS FOR MARKET	37.5	44.2	41.0
TOTAL FARM LABOR & MANAGEMENT	39.1	44.5	37.3
FARM LABOR CONTRACTORS	39.6	43.3	36.7
FARM MANAGEMENT SERVICES	36.4	53.8	41.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	APR 1993	MAY 1993	APR 1992
TOTAL AGRICULTURAL	6.70	6.60	6.77
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.48	6.40	6.57
VEGETABLES AND MELONS	6.69	7.12	7.08
TOTAL FRUITS AND TREE NUTS	6.28	6.01	6.31
BERRIES	6.06	5.77	6.30
CITRUS FRUITS	6.87	7.43	7.02
OTHER FRUITS AND NUTS	7.17	6.83	5.98
TOTAL HORTICULTURAL SPECIALTIES	6.51	6.47	6.50
ORNAMENTAL FLORAL & NURSERY	6.43	6.40	6.42
FOOD CROPS GROWN UNDER COVER	7.93	7.85	8.03
GENERAL FARM PRIMARILY CROP	6.80	7.01	6.90
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.51	7.62	7.30
TOTAL AGRICULTURAL SERVICES	7.28	7.14	7.25
CROP SERVICES	7.44	7.11	7.70
HARVEST PRIMARILY BY MACHINE	7.80	7.49	7.54
PREPARATION SVCS FOR MARKET	7.24	6.94	7.84
TOTAL FARM LABOR & MANAGEMENT	7.20	7.15	7.04
FARM LABOR CONTRACTORS	7.19	7.26	7.15
FARM MANAGEMENT SERVICES	7.26	6.47	6.46

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

CENTRAL COAST

Wage and Salary Employment

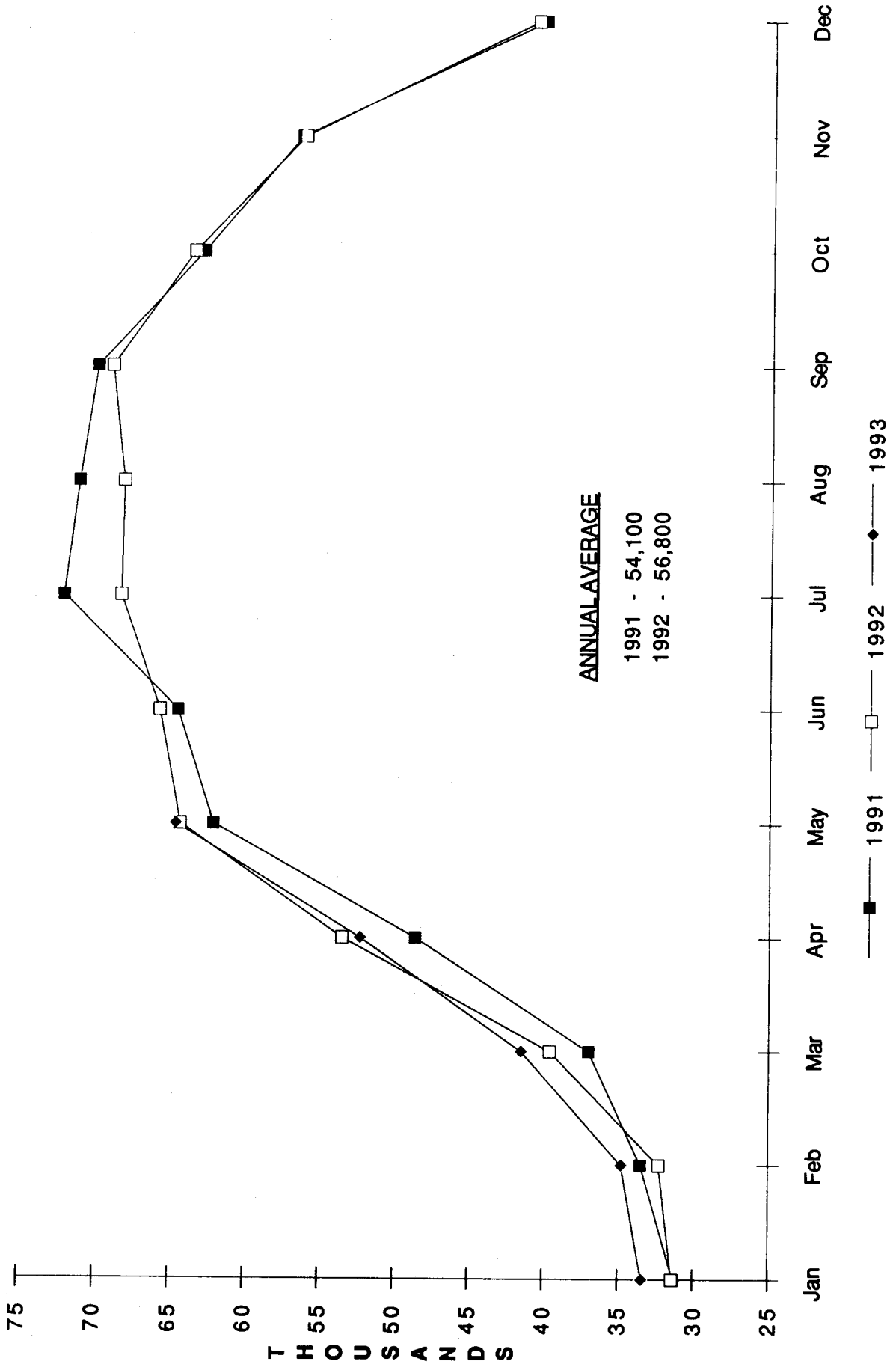


TABLE 4-A.
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	64.6	52.3	64.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.5	33.1	42.2
VEGETABLES AND MELONS	14.6	11.1	13.2
TOTAL FRUITS AND TREE NUTS	15.3	9.4	14.9
BERRIES	12.5	7.1	12.4
DECIDUOUS TREE FRUIT	1.0	0.7	1.0
OTHER FRUITS AND NUTS	1.8	1.6	1.5
TOTAL HORTICULTURAL SPECIALTIES	10.0	9.7	10.1
ORNAMENTAL FLORAL & NURSERY	7.9	7.6	8.0
FOOD CROPS GROWN UNDER COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	3.6	2.9	4.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.1	1.1	1.1
TOTAL AGRICULTURAL SERVICES	20.0	18.1	21.0
CROP SERVICES	11.9	11.1	11.9
HARVEST PRIMARILY BY MACHINE	3.3	3.2	3.3
PREPARATION SVCS FOR MARKET	8.6	7.9	8.6
TOTAL FARM LABOR & MANAGEMENT	8.1	7.0	9.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	59.6	47.6	59.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.5	29.5	38.8
VEGETABLES AND MELONS	13.5	10.2	12.0
TOTAL FRUITS AND TREE NUTS	14.8	8.9	14.5
BERRIES	12.2	6.9	12.2
DECIDUOUS TREE FRUIT	0.9	0.6	0.9
OTHER FRUITS AND NUTS	1.7	1.4	1.4
TOTAL HORTICULTURAL SPECIALTIES	8.1	7.8	8.4
ORNAMENTAL FLORAL & NURSERY	6.3	6.0	6.6
FOOD CROPS GROWN UNDER COVER	1.8	1.8	1.8
GENERAL FARM PRIMARILY CROP	3.1	2.6	3.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.8	0.8	0.9
TOTAL AGRICULTURAL SERVICES	19.3	17.3	20.1
CROP SERVICES	11.2	10.3	11.1
HARVEST PRIMARILY BY MACHINE	3.2	3.0	3.0
PREPARATION SVCS FOR MARKET	8.0	7.3	8.1
TOTAL FARM LABOR & MANAGEMENT	8.1	7.0	9.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	315.49	283.54	318.43
TOTAL AGRICULTURAL PRODUCTION/CROPS	322.79	289.26	326.95
VEGETABLES AND MELONS	338.10	299.43	319.86
TOTAL FRUITS AND TREE NUTS	284.68	241.98	323.54
BERRIES	286.67	215.64	327.06
DECIDUOUS TREE FRUIT	255.64	241.77	238.38
OTHER FRUITS AND NUTS	282.49	372.02	347.93
TOTAL HORTICULTURAL SPECIALTIES	333.66	321.01	353.98
ORNAMENTAL FLORAL & NURSERY	314.16	299.28	345.50
FOOD CROPS GROWN UNDER COVER	404.27	393.78	386.55
GENERAL FARM PRIMARILY CROP	408.28	321.06	301.77
TOTAL AGRIC PRODUCTION/LIVESTOCK	301.73	285.48	357.44
TOTAL AGRICULTURAL SERVICES	301.07	273.36	298.28
CROP SERVICES	306.31	292.35	309.13
HARVEST PRIMARILY BY MACHINE	304.84	300.31	307.40
PREPARATION SVCS FOR MARKET	306.85	289.02	310.32
TOTAL FARM LABOR & MANAGEMENT	294.00	244.63	285.27

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	43.1	39.6	42.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.4	41.5	45.6
VEGETABLES AND MELONS	44.9	41.3	43.4
TOTAL FRUITS AND TREE NUTS	42.3	37.0	43.9
BERRIES	43.5	36.0	43.9
DECIDUOUS TREE FRUIT	41.1	37.6	41.1
OTHER FRUITS AND NUTS	34.2	41.8	45.6
TOTAL HORTICULTURAL SPECIALTIES	46.6	44.4	47.9
ORNAMENTAL FLORAL & NURSERY	46.2	43.5	48.8
FOOD CROPS GROWN UNDER COVER	48.3	47.5	45.0
GENERAL FARM PRIMARILY CROP	59.0	49.7	53.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	40.5	39.0	46.3
TOTAL AGRICULTURAL SERVICES	38.5	36.4	37.1
CROP SERVICES	37.4	37.1	37.2
HARVEST PRIMARILY BY MACHINE	39.9	38.8	40.5
PREPARATION SVCS FOR MARKET	36.4	36.4	36.0
TOTAL FARM LABOR & MANAGEMENT	40.0	35.3	37.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	7.32	7.16	7.44
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.11	6.97	7.17
VEGETABLES AND MELONS	7.53	7.25	7.37
TOTAL FRUITS AND TREE NUTS	6.73	6.54	7.37
BERRIES	6.59	5.99	7.45
DECIDUOUS TREE FRUIT	6.22	6.43	5.80
OTHER FRUITS AND NUTS	8.26	8.90	7.63
TOTAL HORTICULTURAL SPECIALTIES	7.16	7.23	7.39
ORNAMENTAL FLORAL & NURSERY	6.80	6.88	7.08
FOOD CROPS GROWN UNDER COVER	8.37	8.29	8.59
GENERAL FARM PRIMARILY CROP	6.92	6.46	5.63
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.45	7.32	7.72
TOTAL AGRICULTURAL SERVICES	7.82	7.51	8.04
CROP SERVICES	8.19	7.88	8.31
HARVEST PRIMARILY BY MACHINE	7.64	7.74	7.59
PREPARATION SVCS FOR MARKET	8.43	7.94	8.62
TOTAL FARM LABOR & MANAGEMENT	7.35	6.93	7.71

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

DESERT

Wage and Salary Employment

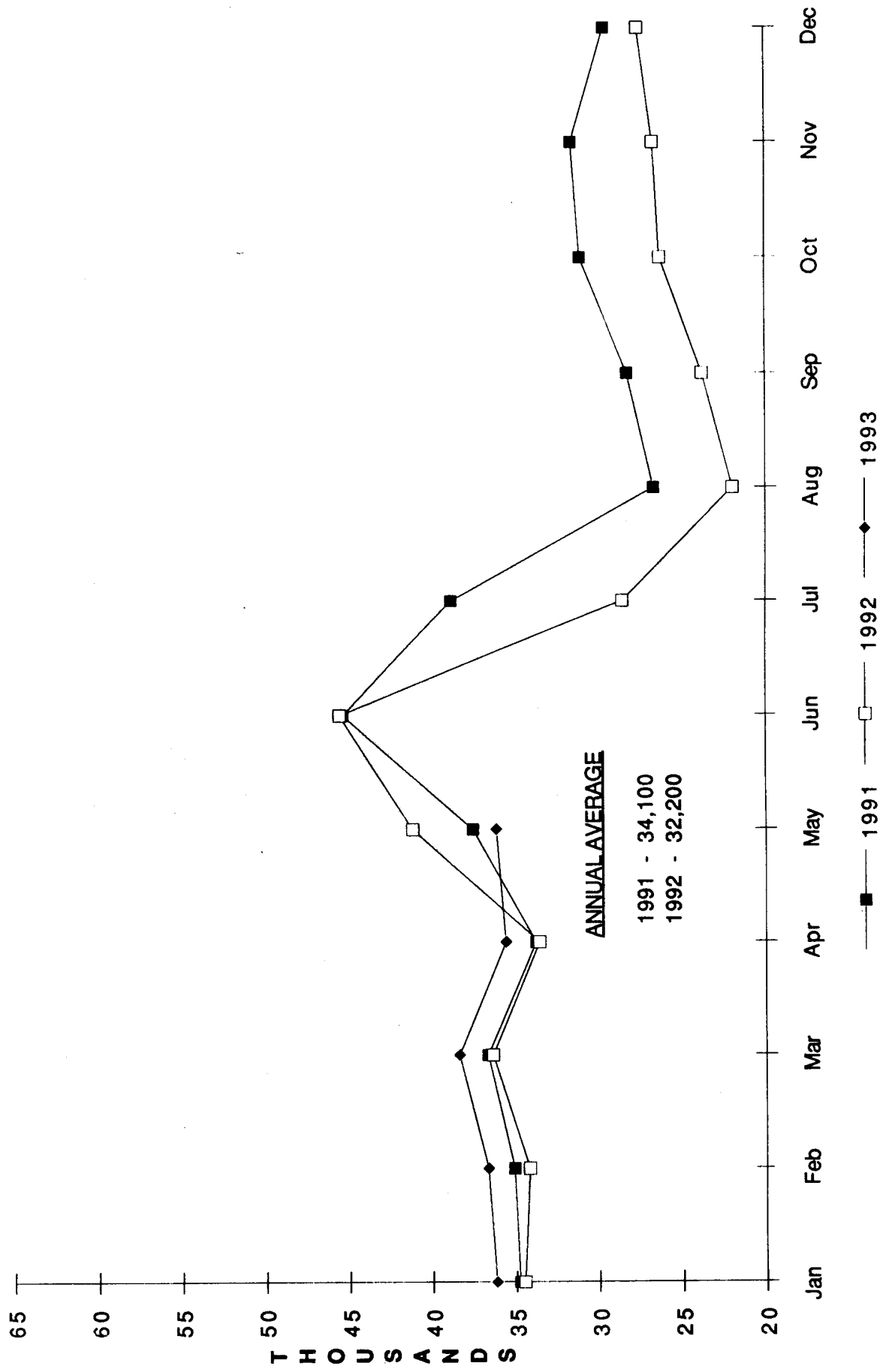


TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	36.2	35.6	41.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	17.3	16.6	17.4
FIELD CROPS	1.6	1.5	1.7
VEGETABLES AND MELONS	1.7	1.4	2.5
TOTAL FRUITS AND TREE NUTS	8.3	8.6	8.0
GRAPES	5.7	6.2	5.3
CITRUS FRUITS	1.1	1.1	1.2
OTHER FRUITS AND NUTS	1.5	1.3	1.5
HORTICULTURAL SPECIALTIES	0.9	0.8	1.0
GENERAL FARM PRIMARILY CROP	4.8	4.3	4.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.5	5.7	5.4
DAIRY FARMS	2.7	2.8	2.6
CHICKEN EGGS	1.2	1.2	1.2
OTHER LIVESTOCK	1.6	1.7	1.6
TOTAL AGRICULTURAL SERVICES	13.4	13.3	18.4
CROP SERVICES	6.3	5.8	7.6
PLANT CULTIVATE & PROTECTION	1.0	0.9	0.9
HARVEST PRIMARILY BY MACHINE	0.8	0.7	1.2
PREPARATION SVCS FOR MARKET	4.5	4.2	5.5
TOTAL FARM LABOR & MANAGEMENT	7.1	7.5	10.8

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	33.8	33.3	38.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	16.3	15.5	16.2
FIELD CROPS	1.4	1.3	1.5
VEGETABLES AND MELONS	1.6	1.3	2.4
TOTAL FRUITS AND TREE NUTS	7.9	8.2	7.6
GRAPES	5.5	6.0	5.0
CITRUS FRUITS	1.1	1.1	1.1
OTHER FRUITS AND NUTS	1.3	1.1	1.5
HORTICULTURAL SPECIALTIES	0.7	0.6	0.8
GENERAL FARM PRIMARILY CROP	4.7	4.1	3.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.8	5.0	4.8
DAIRY FARMS	2.5	2.7	2.5
CHICKEN EGGS	0.8	0.8	0.9
OTHER LIVESTOCK	1.5	1.5	1.4
TOTAL AGRICULTURAL SERVICES	12.7	12.8	17.7
CROP SERVICES	5.7	5.3	7.0
PLANT CULTIVATE & PROTECTION	0.7	0.7	0.7
HARVEST PRIMARILY BY MACHINE	0.8	0.6	1.1
PREPARATION SVCS FOR MARKET	4.2	4.0	5.2
TOTAL FARM LABOR & MANAGEMENT	7.0	7.5	10.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	264.11	260.13	254.92
TOTAL AGRICULTURAL PRODUCTION/CROPS	247.89	247.76	261.55
FIELD CROPS	338.40	314.88	311.43
VEGETABLES AND MELONS	315.76	297.23	263.97
TOTAL FRUITS AND TREE NUTS	195.55	220.21	251.13
GRAPES	161.23	206.30	236.80
CITRUS FRUITS	300.98	269.35	331.20
OTHER FRUITS AND NUTS	254.16	248.81	243.13
HORTICULTURAL SPECIALTIES	362.92	312.26	352.66
GENERAL FARM PRIMARILY CROP	265.72	254.82	242.82
TOTAL AGRIC PRODUCTION/LIVESTOCK	430.64	384.73	393.01
DAIRY FARMS	514.67	447.80	464.81
CHICKEN EGGS	303.95	305.42	294.15
OTHER LIVESTOCK	359.32	317.35	325.79
TOTAL AGRICULTURAL SERVICES	223.61	226.15	211.32
CROP SERVICES	242.59	222.53	242.41
PLANT CULTIVATE & PROTECTION	318.08	323.95	311.17
HARVEST PRIMARILY BY MACHINE	156.24	173.85	208.78
PREPARATION SVCS FOR MARKET	245.63	211.90	239.90
TOTAL FARM LABOR & MANAGEMENT	207.78	229.26	190.65

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	40.2	39.0	38.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.1	38.0	40.3
FIELD CROPS	53.8	49.2	45.2
VEGETABLES AND MELONS	50.2	52.7	42.1
TOTAL FRUITS AND TREE NUTS	28.3	32.1	39.3
GRAPES	23.0	30.7	37.0
CITRUS FRUITS	41.4	36.3	48.0
OTHER FRUITS AND NUTS	39.9	35.8	41.0
HORTICULTURAL SPECIALTIES	42.2	40.5	45.8
GENERAL FARM PRIMARILY CROP	48.4	41.1	38.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	53.1	48.7	48.7
DAIRY FARMS	55.4	49.7	49.5
CHICKEN EGGS	48.4	49.5	48.3
OTHER LIVESTOCK	52.0	46.6	47.7
TOTAL AGRICULTURAL SERVICES	36.9	36.3	34.7
CROP SERVICES	39.9	37.4	40.2
PLANT CULTIVATE & PROTECTION	49.7	55.0	53.1
HARVEST PRIMARILY BY MACHINE	28.0	31.1	36.5
PREPARATION SVCS FOR MARKET	40.4	35.2	39.2
TOTAL FARM LABOR & MANAGEMENT	34.4	35.6	31.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	6.57	6.67	6.57
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.34	6.52	6.49
FIELD CROPS	6.29	6.40	6.89
VEGETABLES AND MELONS	6.29	5.64	6.27
TOTAL FRUITS AND TREE NUTS	6.91	6.86	6.39
GRAPES	7.01	6.72	6.40
CITRUS FRUITS	7.27	7.42	6.90
OTHER FRUITS AND NUTS	6.37	6.95	5.93
HORTICULTURAL SPECIALTIES	8.60	7.71	7.70
GENERAL FARM PRIMARILY CROP	5.49	6.20	6.34
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.11	7.90	8.07
DAIRY FARMS	9.29	9.01	9.39
CHICKEN EGGS	6.28	6.17	6.09
OTHER LIVESTOCK	6.91	6.81	6.83
TOTAL AGRICULTURAL SERVICES	6.06	6.23	6.09
CROP SERVICES	6.08	5.95	6.03
PLANT CULTIVATE & PROTECTION	6.40	5.89	5.86
HARVEST PRIMARILY BY MACHINE	5.58	5.59	5.72
PREPARATION SVCS FOR MARKET	6.08	6.02	6.12
TOTAL FARM LABOR & MANAGEMENT	6.04	6.44	6.15

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SACRAMENTO

Wage and Salary Employment

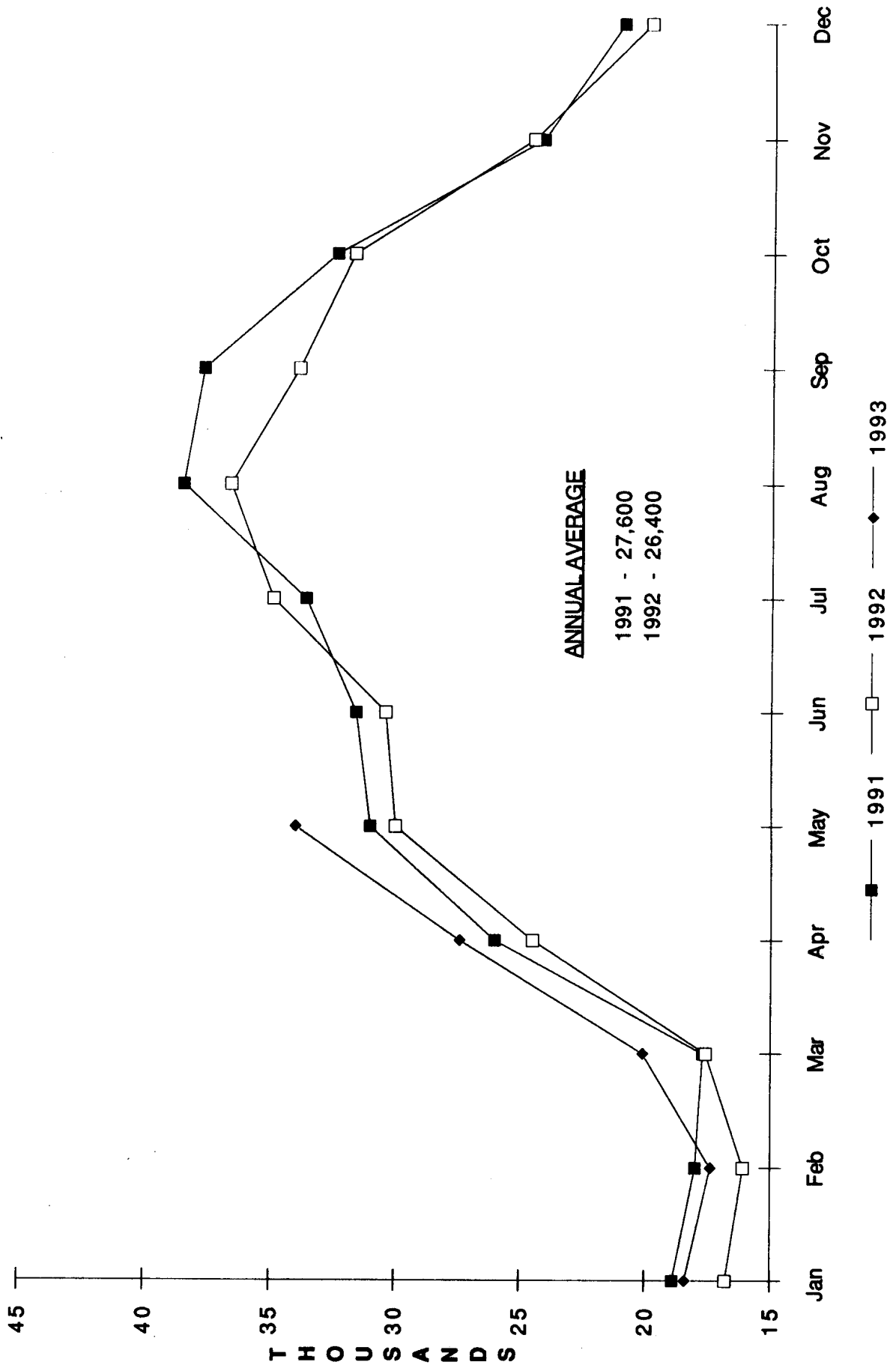


TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	34.0	27.4	30.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	22.3	18.5	20.7
RICE	1.8	1.5	1.7
VEGETABLES AND MELONS	2.6	2.0	2.6
TOTAL FRUIT AND TREE NUTS	7.1	5.9	6.9
TREE NUTS	1.7	1.7	1.7
DECIDUOUS TREE FRUIT	3.7	2.6	3.3
OTHER FRUITS AND NUTS	1.7	1.6	1.9
HORTICULTURAL SPECIALTIES	2.4	2.7	1.8
GENERAL FARM PRIMARILY CROP	8.4	6.4	7.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.2	2.2	2.3
TOTAL AGRICULTURAL SERVICES	9.5	6.7	7.0
CROP SERVICES	3.1	2.3	2.8
HARVEST PRIMARILY BY MACHINE	1.8	1.1	1.5
PREPARATION SVCS FOR MARKET	1.3	1.2	1.3
TOTAL FARM LABOR & MANAGEMENT	6.4	4.4	4.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	31.2	24.8	27.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	20.2	16.7	19.0
RICE	1.6	1.3	1.5
VEGETABLES AND MELONS	2.4	1.9	2.5
TOTAL FRUIT AND TREE NUTS	6.5	5.4	6.3
TREE NUTS	1.5	1.5	1.5
DECIDUOUS TREE FRUIT	3.5	2.4	3.1
OTHER FRUITS AND NUTS	1.5	1.5	1.7
HORTICULTURAL SPECIALTIES	2.0	2.4	1.5
GENERAL FARM PRIMARILY CROP	7.7	5.7	7.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.9	2.0
TOTAL AGRICULTURAL SERVICES	9.1	6.2	6.4
CROP SERVICES	2.8	1.8	2.4
HARVEST PRIMARILY BY MACHINE	1.7	0.9	1.3
PREPARATION SVCS FOR MARKET	1.1	0.9	1.1
TOTAL FARM LABOR & MANAGEMENT	6.3	4.4	4.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	298.40	271.56	285.37
TOTAL AGRICULTURAL PRODUCTION/CROPS	307.80	277.06	288.00
RICE	399.31	333.54	319.49
VEGETABLES AND MELONS	378.78	317.23	365.56
TOTAL FRUIT AND TREE NUTS	247.42	232.22	260.87
TREE NUTS	293.01	266.64	289.56
DECIDUOUS TREE FRUIT	237.73	235.72	274.43
OTHER FRUITS AND NUTS	225.48	190.74	213.60
HORTICULTURAL SPECIALTIES	296.18	252.89	266.22
GENERAL FARM PRIMARILY CROP	321.35	303.84	283.65
TOTAL AGRIC PRODUCTION/LIVESTOCK	304.91	319.15	319.01
TOTAL AGRICULTURAL SERVICES	275.89	243.10	266.22
CROP SERVICES	447.93	281.93	367.52
HARVEST PRIMARILY BY MACHINE	570.84	306.28	468.36
PREPARATION SVCS FOR MARKET	256.00	258.83	252.41
TOTAL FARM LABOR & MANAGEMENT	202.08	226.51	205.77

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	49.9	44.3	47.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	51.3	44.4	49.4
RICE	53.1	43.6	47.9
VEGETABLES AND MELONS	62.3	49.8	56.5
TOTAL FRUIT AND TREE NUTS	44.5	41.1	46.5
TREE NUTS	47.8	44.0	48.1
DECIDUOUS TREE FRUIT	42.3	41.5	48.4
OTHER FRUITS AND NUTS	46.3	37.4	41.8
HORTICULTURAL SPECIALTIES	42.8	39.7	43.5
GENERAL FARM PRIMARILY CROP	55.5	48.0	51.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.1	49.1	46.3
TOTAL AGRICULTURAL SERVICES	47.0	42.5	43.5
CROP SERVICES	58.4	41.4	49.8
HARVEST PRIMARILY BY MACHINE	69.7	40.3	60.2
PREPARATION SVCS FOR MARKET	40.7	42.5	37.9
TOTAL FARM LABOR & MANAGEMENT	42.1	42.9	39.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	5.98	6.13	5.97
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.00	6.24	5.83
RICE	7.52	7.65	6.67
VEGETABLES AND MELONS	6.08	6.37	6.47
TOTAL FRUIT AND TREE NUTS	5.56	5.65	5.61
TREE NUTS	6.13	6.06	6.02
DECIDUOUS TREE FRUIT	5.62	5.68	5.67
OTHER FRUITS AND NUTS	4.87	5.10	5.11
HORTICULTURAL SPECIALTIES	6.92	6.37	6.12
GENERAL FARM PRIMARILY CROP	5.79	6.33	5.54
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.21	6.50	6.89
TOTAL AGRICULTURAL SERVICES	5.87	5.72	6.12
CROP SERVICES	7.67	6.81	7.38
HARVEST PRIMARILY BY MACHINE	8.19	7.60	7.78
PREPARATION SVCS FOR MARKET	6.29	6.09	6.66
TOTAL FARM LABOR & MANAGEMENT	4.80	5.28	5.17

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

NORTH COAST

Wage and Salary Employment

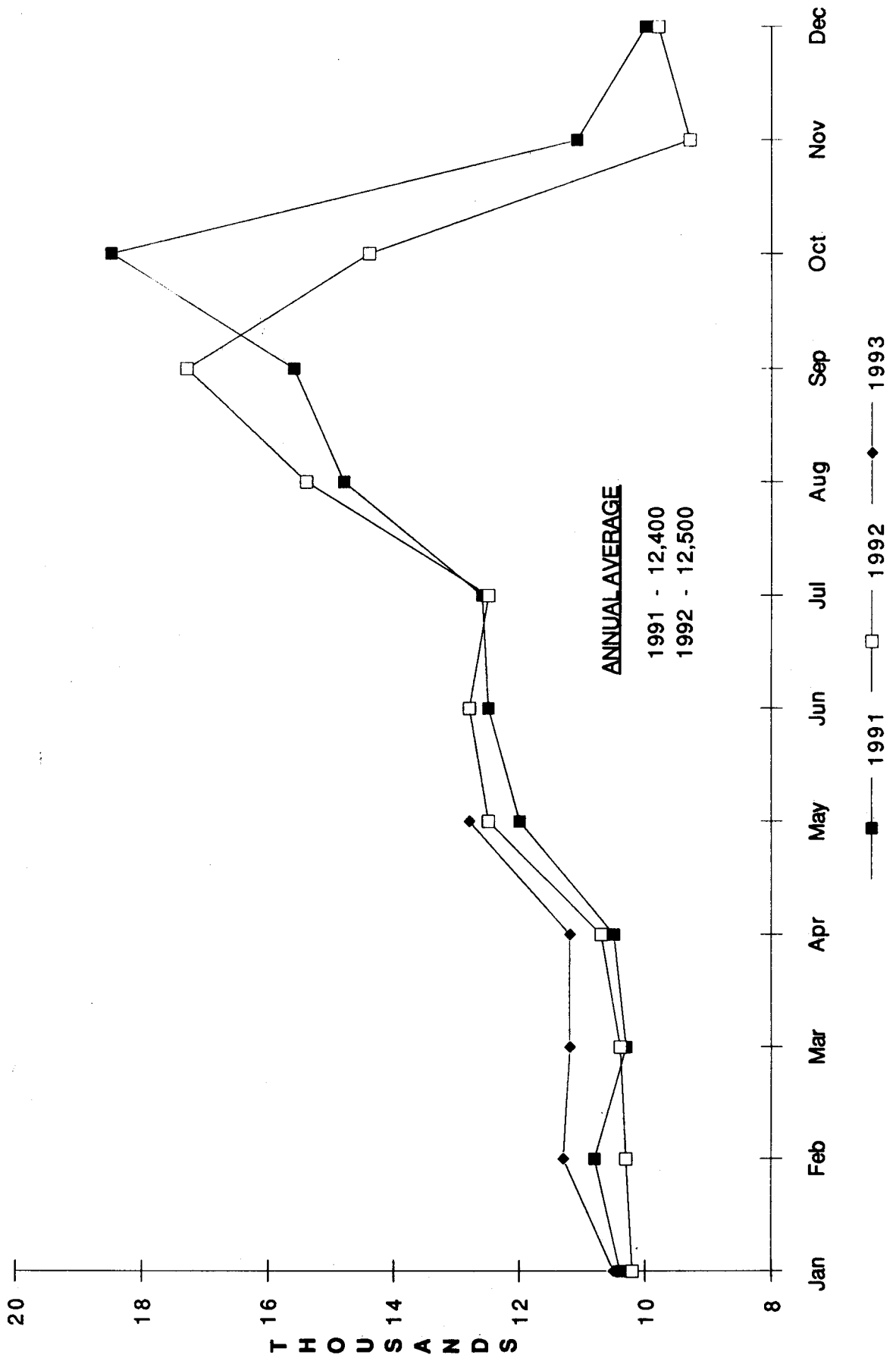


TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	12.8	11.2	12.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	9.1	8.2	8.8
TOTAL FRUITS AND TREE NUTS	7.2	6.0	7.0
GRAPES	6.1	5.0	6.0
OTHER FRUITS AND NUTS	1.1	1.0	1.0
TOTAL HORTICULTURAL SPECIALTIES	1.4	1.7	1.3
GENERAL FARM PRIMARILY CROP (2)	0.5	0.5	0.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	1.9	1.9
TOTAL AGRICULTURAL SERVICES	1.7	1.1	1.8

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
AGRICULTURAL PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	10.8	9.1	10.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.6	6.6	7.2
TOTAL FRUITS AND TREE NUTS	5.9	4.6	5.7
GRAPES	4.9	3.6	4.7
OTHER FRUITS AND NUTS	1.0	1.0	1.0
TOTAL HORTICULTURAL SPECIALTIES	1.2	1.5	1.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.6	1.6
TOTAL AGRICULTURAL SERVICES	1.5	0.9	1.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS* OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	336.53	276.44	320.61
TOTAL AGRICULTURAL PRODUCTION/CROPS	337.09	261.89	319.45
TOTAL FRUITS AND TREE NUTS	359.75	282.75	333.50
GRAPES	369.94	306.15	334.95
OTHER FRUITS AND NUTS	308.79	192.71	328.55
TOTAL HORTICULTURAL SPECIALTIES	238.46	206.74	267.84
TOTAL AGRIC PRODUCTION/LIVESTOCK	316.50	304.26	296.21
TOTAL AGRICULTURAL SERVICES	354.04	324.72	352.79

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	46.1	39.1	44.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.8	37.2	43.7
TOTAL FRUITS AND TREE NUTS	46.6	37.6	43.2
GRAPES	46.3	39.1	43.5
OTHER FRUITS AND NUTS	47.8	31.8	41.8
TOTAL HORTICULTURAL SPECIALTIES	38.9	35.4	46.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.1	46.1	45.5
TOTAL AGRICULTURAL SERVICES	45.1	39.6	44.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1993	APR 1993	MAY 1992
TOTAL AGRICULTURAL	7.30	7.07	7.27
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.36	7.04	7.31
TOTAL FRUITS AND TREE NUTS	7.72	7.52	7.72
GRAPES	7.99	7.83	7.70
OTHER FRUITS AND NUTS	6.46	6.06	7.86
TOTAL HORTICULTURAL SPECIALTIES	6.13	5.84	5.81
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.58	6.60	6.51
TOTAL AGRICULTURAL SERVICES	7.85	8.20	7.91

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.